

**Four Year Curriculum Plan Template, Catalog Term: Fall 2011**

**Major: SG20 - BS, Geology**

**Area of Emphasis: SG21 - Engineering Geology**

Select Catalog term to view: Fall 2011

<b>Year One</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
GLY200 Physical Geology	3 hours	GLY201 Historical Geology	3 hours
GLY210L Earth Materials Lab	1 hours	GLY211L Historical Geology Lab	1 hours
Composition: ENG101 English Composition I (or equivalent) - or ENG200H in Spring 2	3 hours	MTH230 Calculus/Analytic Geom II	4 hours
FYS 100: FYS100 First Year Seminar	3 hours	CT Designated Course:	3 hours
Mathematics: MTH 229*	5 hours	MultiCult or Int:	3 hours
		Fine Arts: ART112, MUS142, or THE112	3 hours
<b>Recommended Hours:</b>	<b>15 hours</b>	<b>Recommended Hours:</b>	<b>17 hours</b>
<b>Year Two</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
CHM211 Principles of Chemistry I	3 hours	CHM212 Principles Chemistry II	3 hours
CHM217 Principles of Chem Lab I	2 hours	CHM218 Principles of Chem Lab II	2 hours
GLY212 Geological Field Mapping	2 hours	ENG354 Scientific & Tech Writing	3 hours
Communication: CMM103 Fund Speech-Communication - or equivalent	3 hours	Composition: ENG201 Advanced Composition - or ENG200H	3 hours
CT Designated Course:	3 hours	GLY 314*** or GLY 457 and 457L **	4 hours
GLY 314** or GLY 325***	4 hours		
<b>Recommended Hours:</b>	<b>17 hours</b>	<b>Recommended Hours:</b>	<b>15 hours</b>
<b>Year Three</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
ENGR107 Intro to Engineering	3 hours	ENGR216 Mech of Deformable Bodies	3 hours
Social Science:	3 hours	Humanities:	3 hours
GLY 314** or GLY 325***	4 hours	GLY 430** or 300 - 499 level GLY Elective****	4 hours
GLY 313*** or GLY 457 and 457L **	4 hours	Literature Elective	3 hours
		GLY 455L** or GLY 456L***	1 hours
		GLY 455** or GLY 456***	3 hours
<b>Recommended Hours:</b>	<b>14 hours</b>	<b>Recommended Hours:</b>	<b>17 hours</b>
<b>Year Four</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
CE322 Soil Mechanics	3 hours	PHY204 General Physics Lab	1 hours
ENGR213 Statics	3 hours	PHY213 Principles of Physics	4 hours
PHY202 General Physics Lab	1 hours	Writing Intensive:	3 hours
PHY211 Principles of Physics	4 hours	GLY 430** or 300 - 499 level GLY Elective****	4 hours
Capstone: GLY491 Capstone Experience	2 to 4 hours	GLY 455** or GLY 456***	3 hours
Writing Intensive:	3 hours	GLY 455L** or GLY 456L***	1 hours
<b>Recommended Hours:</b>	<b>16/18 hours</b>	<b>Recommended Hours:</b>	<b>16 hours</b>
<b>Other Requirements:</b>			
Minimum Number of Hours to Graduate:	127/129		
Minimum GPA to Graduate:	2.0 (minimum 40 upper level credit hours)		
Other:			
*If the MTH ACT score is less than 20, students take MTH 098 <b>or</b> MTH 099 <b>then</b> MTH 127 <b>then</b> 122 <b>then</b> 140 based on placement; if the MTH ACT score is 20, students take MTH 127 <b>then</b> MTH 122 <b>then</b> MTH 140; if the MTH ACT score is 21 to 23, students take MTH 130 <b>then</b> MTH 122 <b>then</b> MTH 140; if the MTH ACT score is 24 to 26, students take MTH 140 <b>then</b> MTH 122; if the MTH ACT score is 27 or greater, students may take MTH 140 <b>and</b> MTH 122 <b>or</b> MTH 229.			
**Offered Odd Calendar Years			
***Offered Even Calendar Years			
****Eleven (11) credit hours of upper level GLY electives may be chosen from GLY418, 421, 423, 425, 425L, 426, 427, 455, 455L, 456, 456L, 457, or 457L.			
\$\$Prerequisites for PHY 203 and 204 are a C or better in PHY 201 and 202.			
<b>NOTES:</b>			
1. A minimum of <b>120</b> hours with <b>40</b> credit hours at the 300 - 499 level is required for graduation.			
2. Core I courses include 3 hours of First Year Seminar (FYS) and 6 hours of Critical Thinking. Core II requires a minimum of 25 hours of 100 - 200			

level courses including 6 hours of English Composition; 4 hours of Natural or Physical Science; and 3 hours of Communication, Fine Arts, Humanities, Mathematics, and Social Sciences. The College of Science requires 3 hours of Calculus which satisfies the Core II Mathematics requirement, Literature, 8 additional hours of Natural or Physical Science, and 40 hours of upper level credit.

3. Students are required to complete a minor degree program outside the Department of Chemistry. Consult catalog for discipline specific requirements. Note that students double majoring are not required to have a minor.
4. Coursework listed as Elective may vary for each student. Students are strongly encouraged to use elective hours toward a 2nd major, minor or certificate program. Depending on the path chosen, students may not have electives because programs vary in length and minors range from 12 to 18 hours. Students should see advisors in S213/214 to select a path leading to completion of the program selected. These selections must be approved.
5. Students are strongly encouraged to select courses that meet two or more Core or College requirements. For example, a writing intensive literature course could satisfy the College of Science literature requirement as well as the Core II writing intensive requirement or an international or multicultural social science course could satisfy both the international or multicultural Core II requirement as well as the social science Core II requirement. See course attributes each semester for courses that meet two or more Core or College requirements.
6. If students follow this graduation plan and do not withdraw or fail classes, or change majors, they can graduate in four academic years. It is not necessary to take the courses in the specific order shown, however if students deviate from the courses approved in the mandatory advising sessions each semester, students may not be able to graduate in four years in accordance with the graduation plan.
7. Course offerings are subject to change semesters. Please consult each semesters schedule of courses for availability.